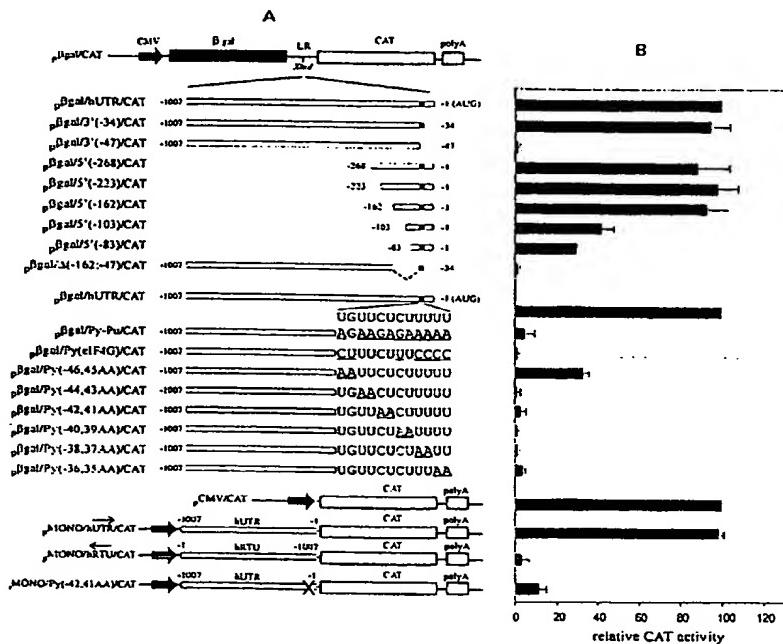


**PCT**WORLD INTELLECTUAL PROPERTY ORGANIZATION  
International Bureau

## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification <sup>7</sup> :		A2	(11) International Publication Number:	<b>WO 00/05366</b>
C12N 15/12, 5/10, C07K 14/47, C12Q 1/68, G01N 33/50			(43) International Publication Date: 3 February 2000 (03.02.00)	
(21) International Application Number:		PCT/IB99/01415		
(22) International Filing Date:		22 July 1999 (22.07.99)		
(30) Priority Data:				
09/121,979	24 July 1998 (24.07.98)	US	[CA/CA]; 1 Second Avenue, Ottawa, Ontario K1S 2H2 (CA).	
09/332,319	14 June 1999 (14.06.99)	US	(74) Agent: MBM & CO.; P.O. Box 809, Station B, Ottawa, Ontario K1P 5P9 (CA).	
(63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Applications				
US	09/121,979 (CIP)	(81) Designated States: CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).		
Filed on	24 July 1998 (24.07.98)			
US	09/332,319 (CIP)			
Filed on	14 June 1998 (14.06.98)			
(71) Applicant (for all designated States except US): UNIVERSITY OF OTTAWA [CA/CA]; 550 Cumberland, Ottawa, Ontario S1N 6N5 (CA).		Published		
(72) Inventors; and				
(75) Inventors/Applicants (for US only): KORNELUK, Robert, G. [CA/CA]; 1901 Tweed Avenue, Ottawa, Ontario K1G 2L8 (CA). HOLCIK, Martin [CA/CA]; Apartment 9, 210 Stewart Street, Ottawa, Ontario K1N 6K2 (CA). LISTON, Peter		Without international search report and to be republished upon receipt of that report.		

(54) Title: XIAP IRES AND USES THEREOF



## (57) Abstract

The invention features purified nucleic acid encoding a novel internal ribosome entry site (IRES) sequence from the X-linked inhibitor of apoptosis (XIAP) gene. The invention also features methods for using the XIAP IRES to increase cap-independent translation of polypeptide coding sequences linked to the XIAP IRES, and methods for isolating compounds that modulate cap-independent translation.

**FOR THE PURPOSES OF INFORMATION ONLY**

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AL	Albania	ES	Spain	LS	Lesotho	SI	Slovenia
AM	Armenia	FI	Finland	LT	Lithuania	SK	Slovakia
AT	Austria	FR	France	LU	Luxembourg	SN	Senegal
AU	Australia	GA	Gabon	LV	Latvia	SZ	Swaziland
AZ	Azerbaijan	GB	United Kingdom	MC	Monaco	TD	Chad
BA	Bosnia and Herzegovina	GE	Georgia	MD	Republic of Moldova	TG	Togo
BB	Barbados	GH	Ghana	MG	Madagascar	TJ	Tajikistan
BE	Belgium	GN	Guinea	MK	The former Yugoslav Republic of Macedonia	TM	Turkmenistan
BF	Burkina Faso	GR	Greece			TR	Turkey
BG	Bulgaria	HU	Hungary	ML	Mali	TT	Trinidad and Tobago
BJ	Benin	IE	Ireland	MN	Mongolia	UA	Ukraine
BR	Brazil	IL	Israel	MR	Mauritania	UG	Uganda
BY	Belarus	IS	Iceland	MW	Malawi	US	United States of America
CA	Canada	IT	Italy	MX	Mexico	UZ	Uzbekistan
CF	Central African Republic	JP	Japan	NE	Niger	VN	Viet Nam
CG	Congo	KE	Kenya	NL	Netherlands	YU	Yugoslavia
CH	Switzerland	KG	Kyrgyzstan	NO	Norway	ZW	Zimbabwe
CI	Côte d'Ivoire	KP	Democratic People's Republic of Korea	NZ	New Zealand		
CM	Cameroon	KR	Republic of Korea	PL	Poland		
CN	China	KZ	Republic of Korea	PT	Portugal		
CU	Cuba	KZ	Kazakhstan	RO	Romania		
CZ	Czech Republic	LC	Saint Lucia	RU	Russian Federation		
DE	Germany	LI	Liechtenstein	SD	Sudan		
DK	Denmark	LK	Sri Lanka	SE	Sweden		
EE	Estonia	LR	Liberia	SG	Singapore		